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00	AA	5,696,486	12/9/97	Poliquin e	et al.		340			
رفي.	AB	6,353,385	3/5/02	Molini et	al.		340			
(2)	AC	5,353,393	10/4/94	Bennett et	t al.	•	345			
00,	ΑD	6,429,952	8/6/02	Olbricht			358			
	ΑE	5,748,098	5/5/98	Grace			370			
ŎŃ.	AF	6,396,845	5/28/02	Sugita			370			
()	AG	6,711,127	3/23/04	Gorman et al.			370			
	AH	5,734,697	3/31/98	Jabbarnez	zhad		379			
00	AI	6,104,783	8/15/00	DeFino			379		<u> </u>	
9 6.	AJ	6,226,372	5/1/01	Beebe et a	al.		379			
Ω	AK	6,445,822	9/3/02	Crill et al.			382			
کاف.	AL	6,563,959	5/13/03	Troyanker	r		382			
00	AM	6,618,501	9/9/03	Osawa et	al.		382			
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0	AN	6,628,824	9/30/03	Belanger		382		***************************************
<u></u>	AO	6,647,139	11/11/03	Kunii et al.		382		
0	AP	6,661,904	12/9/03	Sasich et al	• •	382	jer .	
<u> </u>	AQ	6,668,082	12/23/03	Davison et	Davison et al.			
Ω	AR	6,668,084	12/23/03	Minami		382		····
رمَهِ.	AS	6,792,144	9/14/04	Yan et al.		382		
Ω	АТ	5,345,595	9/6/94	Johnson et al.		455		
\do.	AU	6,278,886	8/21/01	Hwang		455		·
00	AV	5,210,704	5/11/93	Husseiny		702		
<i>ای</i> . ی	AW	5,842,002	11/24/98	Schnurer et	al.	703		
00	AX	5,854,916	12/29/98	Nachenberg		703		
6 b.	ΑΥ	5,999,723	12/7/99	Nachenberg		703		······································
	AZ	6,067,410	5/23/00	Nachenberg	<u>, </u>	703	<u>.</u>	
6 %.	ВА	5,864,803	1/26/99	Nussbaum		704		
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00	вв	6,014,645	1/11/00	Cunningham		705		
(p/p	вс	6,584,454	6/24/03	Hummel, Jr. et a) <u>. </u>	705	·	
Ω	BD	5,675,711	10/7/97	Kephart et al.		706		
७७ .	BE	5,907,834	5/25/99	Kephart et al.		706		
	BF	5,649,185	7/15/97	Antognini et al.	707		<u>'</u>	
ĢO.	ВG	5,857,191	1/5/99	Blackwell, Jr. et al.		707		
00	вн	5,878,420	3/2/99	de la Salle		707	_	
<u>'</u>	BI	5,899,999	5/4/99	De Bonet		707	*	
$\frac{1}{3}$	ВЈ	6,144,961	11/7/00	de la Salle		707		
0 10.	вк	6,161,109	12/12/00	Matamoros et al.		707		
	BL	6,282,546	8/28/01	Gleichauf et al.	·····	707		
() (0.	ВМ	6,463,426	10/8/02	Lipson et al.		707		
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00	BN	6,647,400	11/11/03	Moran	·	707		
(0°p.)	во	4,223,380	9/16/80	Antonaccio et al.		709		·
Ω	BP	5,309,562	5/3/94	Li		709		
6 .	ВQ	5,347,450	9/13/94	Nugent		709		
00	BR	5,371,852	12/6/94	Attanasio et al.		709		
<u>ં</u> બેઇ.	BS	5,515,508	5/7/96	Pettus et al.		709		
00	вт	5,539,659	7/23/96	McKee et al.		709		·
७ ७ .	вu	5,630,061	5/13/97	Richter et al.		709		
00	вν	5,706,210	1/6/98	Kumano et al.		709		
9,6.	вw	5,745,692	4/28/98	Lohmann, II et al		709		
00	вх	5,790,799	8/4/98	Mogul		709		
Ø 6.	BY	5,835,726	11/10/98	Shwed et al.		709		
00	BZ	5,881,236	3/9/99	Dickey		709		
ره, <i>ل</i>	CA	5,884,033	3/16/99	Duvall et al.		709		
60	СВ	5,922,051	7/13/99	Sidey		709		
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20	СС	5,964,839	10/12/99	Johnson et al.		709		
∂ ⁄Ò	CD	5,974,237	10/26/99	Shurmer et al.	····	709	·	
00	CE	5,974,457	10/26/99	Waclawsky et	al.	709		
Øί.	CF	5,983,270	11/9/99	Abraham et al	• .	709		
Ω	CG	6,009,467	12/28/99	Ratcliff et al.		709		
<i>G</i> O'	СН	6,026,442	2/15/00	Lewis et al.		709		
Ω	CI	6,035,323	3/7/00	Narayen et al.		709		
₩. 	CJ	6,041,347	3/21/00	Harsham et al.	•	709		
00	СК	6,052,709	4/18/00	Paul	·····	709		
U~V .	CL	6,070,190	5/30/00	Reps et al.		709		
(9-6)	СМ	6,073,172	6/6/00	Frailong et al.		709		
Q-6.	CN	6,085,224	7/4/00	Wagner		709		
() <u>()</u>	со	6,119,165	9/12/00	Li et al.		709		
	СР	6,195,687	2/27/01	Greaves et al.		709		4
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Ω	сQ	6,377,994	4/23/02	Ault et al.		709		
رطبي	CR	6,397,245	5/28/02	Johnson, II et al.		709		
00	cs	6,415,321	7/2/02	Gleichauf et al.		709		
Qb	СТ	6,434,615	8/13/02	Dinh et al.	Dinh et al.			
0	CU	6,438,600	8/20/02	Greenfield et al.	709			
<u>Φ</u> 6'	cv	6,453,345	9/17/02	Trcka et al.	. '	709		
00	cw	6,453,346	9/17/02	Garg et al.		709		
역 (5.	CX	6,484,203	11/19/02	Porras et al.		709		
	CY	6,496,858	12/17/02	Frailong et al.		709		
0.4.	CZ	6,519,647	2/11/03	Howard et al.		709		
()(S,	DA	6,708,212	3/16/04	Porras et al.		709		
(0	DB	6,711,615	3/23/04	Porras et al.		709		
UZG.	DC	6,718,383	4/6/04	Hebert		709		
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PP	DD	2002/0032793	3/14/02	Malan et a	ıl.	709		9
(0'p	DE	2003/0037136	2/20/03	Labovitz e	et al.	709		
0	DF	4,400,769	8/23/83	Kaneda et	al.	710		a.
ماف	DG	5,511,184	4/23/96	Lin		710		·····
Do	DH	5,991,856	11/23/99	Spilo et al.		711		
نهافی	DI	6,324,627	11/27/01	Kricheff et al.		711		
PP	ΙŒ	4,975,950	12/4/90	Lentz		713		
Θ Ø .	DK	5,032,979	7/16/91	Hecht et al.		713		
6.6.	DL	5,121,345	6/9/92	Lentz		713		·····
0.0.	DM	5,204,966	4/20/93	Wittenber	g et al.	713	.	
00	DN	5,274,824	12/28/93	Howarth		713		
J .Ø.,	DO	5,278,901	1/11/94	Shieh et a	<u>l.</u>	713		
96	DP	5,311,593	5/10/94	Carmi		713		
	DQ	5,359,659	10/25/94	Rosenthal		713		· · · · · · · · · · · · · · · · · · ·
66.	DR	5,414,833	:5/9/95	Hershey et al.		713		
	DS	5,475,839	12/12/95	Watson et	al. ATENT DOCUMENT	713		
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∩∩ DT	5,557,742	9/17/96	Smaha et al.		713		
OP DA	5,586,260	12/17/96	Hu		713		
OD DV	5,606,668	2/25/97	Shwed		713		·
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$\bigcap \bigcap DX$	5,623,601	4/22/97	Vu		713		
0', 6. DY	5,696,822	12/9/97	Nachenberg		713		
O DZ	5,761,504	6/2/98	Corrigan et al.		713		
9.6. EA	5,764,887	6/9/98	Kells et al.	······	713		
C) EB	5,764,890	6/9/98	Glasser et al.		713		
(G,V. EC	5,787,177	7/28/98	Leppek	······································	713		
ED ED	5,796,942	8/18/98	Esbensen	·	713		
9,6. EE	5,798,706	8/25/98	Kraemer et al		713		
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77	EK	5,832,208	11/3/98	Chen et al.		713		
(0, b.	EL	5,832,211	11/3/98	Blakley, III et a	al.	713		
Ω_0	ЕМ	5,838,903	11/17/98	Blakely, III et a	Blakely, III et al.			
MR'	EN	5,845,067	12/1/98	Porter et al.		713		· · · · · · · · · · · · · · · · · · ·
00	EO	5,848,233	12/8/98	Radia et al.		713		
V.6.	ЕР	5,864,665	1/26/99	Tran		713	*	
\bigcap	EQ	5,875,296	2/23/99	Shi et al.		713		
<u> </u>	ER	5,892,903	4/6/99	Klaus		713		· · · · · · · · · · · · · · · · · · ·
AA	ES	5,919,257	7/6/99	Trostle		713		
كاف	ЕТ	5,919,258	7/6/99	Kayashima et a	ıl	713		
<u>66.</u>	EU	5,925,126	7/20/99	Hsieh		713		······································
	EV	5,931,946	8/3/99	Terada et al.		713		
66.	EW	5,940,591	8/17/99	Boyle et al.		713		
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00	EX	5,961,644	10/5/99	Kurtzber	g et al.		713		
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Ω	EZ	5,983,348	11/9/99	Ji			713		<u></u>
نهاف	FA	5,983,350	11/9/99	Minear e	t al.		713		
00	FB	5,987,606	11/16/99	Cirasole	et al.		713		
66.	FC	5,987,610	11/16/99	Franczek et al.		713			
0	FD	5,987,611	11/16/99	Freund	 		713		
6,6	FE	5,991,881	11/23/99	Conklin	et al.		713		
00	FF	5,999,711	12/7/99	Misra et	al.		713		
. .	FG	6,003,132	12/14/99	Mann			713	T.	· .
00	FH	6,061,795	5/9/00	Dircks et	al.	without the contract of the co	713		
00	FI	6,070,244	5/30/00	Orchier 6	et al.		713		,
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66	FK	6,088,803	7/11/00	Tso et al	•	713				
<u>ن</u> ق.	FL	6,088,804	7/11/00	Hill et al	•	713		,		
Ω	FM	6,092,194	7/18/00	Touboul		713				
(S,E),	FN	6,098,173	8/1/00	Elgressy	et al.	713				
00	FO	6,119,234	9/12/00	Aziz et al.		713				
<u> </u>	FP	6,122,738	9/19/00	Millard		713				
00	FQ	6,154,844	11/28/00	Touboul et al.		713				
<u>ω.</u>	FR	6,167,520	12/26/00	Touboul		713				
00	FS	6,185,689	2/6/01	Todd, Sr	. et al.	713	·			
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00	FW	6,272,641	8/7/01	Ji		713		· · · · · · · · · · · · · · · · · · ·		
J	FX	6,275,938	8/14/01	Bond et	al.	713				
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00	GA	6,298,445	10/2/01	Shostack	et al.	713			
	GВ	6,301,668	10/9/01	Gleichau	f et al.	713			
Ω	GC	6,314,520	11/6/01	Schell et	al.	713			
Θ .	GD	6,321,338	11/20/01	Porras et	al.	713			
02	GE	6,324,647	11/27/01	Bowman-Amuah		713			
OØ.	GF	6,338,141	1/8/02	Wells		713			
00	GG	6,347,374	2/12/02	Drake et al.		713			
(), ().	GH	6,357,008	3/12/02	Nachenberg		713		,	
00	GI	6,405,318	6/11/02	Rowland		713			
6.6.	GJ	6,408,391	6/18/02	Huff et a	<u>l</u>	713			
00	GK	6,460,141	10/1/02	Olden		713			
<u>U,b.</u>	GL	6,470,449	10/22/02	Blandfor	d	713			
00	GM	6,477,648	11/5/02	Schell et	al.	713			
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	GO	6,487,666	11/26/02	Shanklin	et al.	713		
<u> </u>	GP	6,499,107	12/24/02	Gleichau	f et al.	713		
?	GQ	6,510,523	1/21/03	Perlman	et al.	713		
	GR	6,519,703	2/11/03	Joyce		713	 	
	GS	6,530,024	3/4/03	Proctor		713		
)]:	GT	6,546,493	4/8/03	Magdycl	Magdych et al.			
	GU	6,574,737	6/3/03	Kingsfor	d et al.	713		
	GV	6,578,147	6/10/03	Shanklin	et al.	713		·····-
	GW	6,681,331	1/20/04	Munson		713		
)	GX	6,691,232	2/10/04	Wood et		713		
<u> </u>	GY C7	6,704,874	3/9/04	Porras et Kouznet		713		
,	GZ HA	6,725,377 6,725,378	4/20/04	Schuba e		713	1	
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	HD	6,816,973	11/9/04	Gleichau	f et al.	713		
act	HE	6,839,850	1/4/05	Campbel	l et al.	713		
Q.G	HF	2001/0034847	10/25/01	Gaul, Jr.		713		
	HG	2002/0035698	3/21/02	Malan et	al.	713		
	нн	2002/0083331	6/27/02	Krumel		713		
	н	2002/0083334	6/27/02	Rogers e	t al.	713		
	нј	2002/0138753	9/26/02	Munson		713		
	НК	2002/0144156	10/3/02	Copeland	d, III	713		
	HL	2003/0088791	5/8/03	Porras et	al.	713		
	НМ	2003/0212903	11/13/03	Porras et	al.	713		
(2)	HN	2004/0010718	1/15/04	Porras et	al.	713		
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	HP	4,773,028	9/20/88	Tallman		714		
\	HQ	5,398,196	3/14/95	Chamber	rs .	714		
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	HR	5,440,723	8/8/95	Arnold e	t al	714		
0	HS	5,452,442	9/19/95	Kephart		714		
Θρ'	ΉΤ	5,649,095	7/15/97	Cozza		714		_
	HU	5,765,030	6/9/98	Nachenb	erg et al.	714		
	HV	5,964,889	10/12/99	Nachenb	erg	714		
	нw	6,006,016	12/21/99	Faigon e	t al.	714		· · · · · · · · · · · · · · · · · · ·
	нх	6,016,553	1/18/00	Schneide	r et al.	714		
	HY	6,021,510	2/1/00	Nachenb	erg	714		
α	HZ	6,029,256	2/22/00	Kouznets	sov	714		-
كأما	IA	6,035,423	3/7/00	Hodges 6	et al.	714		
	ΙΒ	6,094,731	7/25/00	Waldin e	t al.	714		
	IC	6,108,799	8/22/00	Boulay e	t al.	714		· · · · · · · · · · · · · · · · · · ·
	ID	6,173,413	1/9/01	Slaughte	r et al.	714		
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	IE	6,199,181	3/6/01	Rechef et	al.	·. · -··	714				
00	IF	6,230,288	5/8/01	Kuo et al	·		714				
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	II	6,601,190	7/29/03	Meyer et	al.		714				
<u> </u>	n	2002/0032880	3/14/02	Poletto e	letto et al. 714						
	IK	5,454,074	9/26/95	Hartel et	al.		715				
	IL	5,522,026	5/28/96	Records	et al.		-715				
	IM	6,271,840	8/7/01	Finseth e	t al.		715	_			
	IN	6,517,587	2/11/03	Satyavoli	ı et al.		715				
Ω	Ю	6,535,227	3/18/03	Fox et al.			715				
ر کاف ا	IP	4,819,234	4/4/89	Huber			717		·		
	IQ	5,590,331	12/31/96	Lewis et	al.		717				
	IR	5,774,727	6/30/98	Walsh et	al.		717_				
	IS	5,872,978	2/16/99	Hoskins			717				
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	IT_	5,950,012	9/7/99	Shiell et	al.	717		
	IU	6,118,940	9/12/00	Alexande	er, III et al.	717		
γ	IV	6,405,364	6/11/02	Bowman	-Атиаћ	717		
<u>66.</u>	IW	6,606,744	8/12/03	Mikurak		717		
	IX	6,397,242	5/28/02	Devine e	t al.	718		
	IY	2002/0032717	3/14/02	Malan et	al.	1		
	IZ	6,477,585	11/5/02	Cohen et	al.	719		
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FORM PTO-1449, Adapted LIST OF INFORMATION DISCLOSED BY APPLICANT (Use several sheets if necessary) ATTY. DOCKET NO. SERIAL NO. FILING DATE 05456.105006 09/844,447 April 27, 2001 APPLICANT GROUP **BOX 1/4** Timothy Farley et al. 2132 **U.S. PATENT DOCUMENTS** EXAMINER DOCUMENT NUMBER DATE NAME **CLASS** SUBCLASS FILING DATE IF APPROPRIATE INITIAL FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY YES NO. JB WO 01/084285 11/08/01 **PCT** Internet Security Systems, Inc. JC WO 02/006928 01/24/02 PCT vCIS, Inc. JD WO 00/054458 09/14/00 PCT Psionic Software, Inc. JΕ WO 02/056152 07/18/02 PCT **Psionic Software** 0 985 995 08/13/03 EP International Business Machines Corp. JF JG WO 93/25024 12/09/93 PCT Cyberlock Data Intelligence, Inc. JН 01/13/00 PCT WO 00/02115 PRC Inc. JI 01/07/99 PCT Telefonaktiebolaget LM Ericsson WO 99/00720 IJ 10/07/99 PCT AT&T Corporation WO 99/50734 JК WO 98/41919 09/24/98 PCT Trend Micro, Inc. 10/21/99 PCT Sun Microsystems, Inc. JL WO 99/53391 JM 0 636 977 05/23/01 EP Chambers JN WO 99/15966 04/01/99 PCT Symantec Corporation OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) Essex, David, E-Sleuths Make Net Safe for E-Commerce, Computerworld, June 2000, pp. 1-2 JO Newman, David, Intrusion Detection Systems, Data Communications, 1998, pp. 1-9 JP International Search Report for PCT/US02/17161 of December 31, 2002 JQ Hyland, et al., Concentric Supervision of Security Applications: A New Security Management Paradigm JR Somputer Security Applications Conference, 1998, pp. 59-68 **DATE CONSIDERED EXAMINER** EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	JS	Koilpillai et a Survivability	i., Recon-A	Tool for In	cident Dete	ection, Trac	king an			Formation
	JT	Alves-Foss, J Distributed S				or Surveying	g Netwo	ork Infor	mation Flow,	Network and
<	JU	Mansouri-Sar Systems, 1990			ible Event S	Service for I	Distribu	ited Syste	ems Configura	able Distributed
00	JV	International	Search Repo	ort for PCT	/US01/1376	69 of March	8, 200	2		
Ph.	JW	Jagannathan e Internet Citati					tion Int	rusion D	etection Expe	rt Systems (NIDES),
	JХ	Koilpillai, Ad	aptive Netw	ork Securi	ty Managen	nent, DARP	A NGI	PI Confe	erence, Octob	er 1998, pp. 1-27
ĺ,	JY	Hiverworld C	ontinuous A	daptive Ri	sk Manager	nent, Hiver	world, l	Inc., 199	9-2000, pp. 1-	-14
	JZ	International	Search Repo	ort for PCT	/US02/0498	39of Septem	ber 19	, 2002	,	
\mathcal{T}	KA	International	Search Repo	ort for PCT	/US02/029	17 of Augus	t 8, 200	02		
oli.	КВ	International	Search Repo	ort for PCT	/US03/0015	55 of May 1	5, 2003	3		
	KC	NXI Commur	nications, In	c., White P	aper, NTS	Security Issu	ues, Oc	tober 15,	2001, pp. 1-	12
	KD	Mounji et al., System Secur							um of Netwo	rk and Distributed
	KE	Wobber et al.	•		Taos Opera	iting System	ı, ACM	Transac	tions on Com	puter Systems, Vol.
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	KC	1	Dawson, Intri	usion Protec	tion for Net	works,	Byte, April 1995, pp.	171-172		
	KH		Buhkan, Chee	ckpoint Char	rlie, PC We	ek Netv	ork, November 27, 1	995, pp. 1	N1, N6-N7	
	KI						ound on <a href="http://www.pi
on February 26, 2003,">http://www.pi on February 26, 2003,		n/techsuppor	t/whitesec.html,
	КЈ		Ganesan, BA Distributed S	firewall: A l ystem Secur	Modern Fire ity 1994, In	ewall De	esign, Proceedings Intoc., 1994, pp. 99-108	ernet Soc	iety Symposi	um on Network and
(g)	KK						dbook of Information oston and New York			, Ed. Zella G.
	KL	,					er II-4-4 of Handbook erbach, Boston and N			
·	KN	1	Guha et al., N Solution, IEE				ngineering of TCP Co	de: Vuln	erability Anal	ysis and Proposed
	KN	ī	Garg et al., H	ligh Level C	ommunicat	ion Prin	nitives for Concurrent	Systems,	IEEE, 1988,	pp. 92-99
	KC)	Hastings et al	I., TCP/IP S	poofing Fur	ndament	als, IEEE, May 1996,	pp. 218-	224	
	KP						on Issues in a Distrib fornia, 1991, pp. 1-40		sion Detectio	n System, Master
	KC	2	Guha et al., N Solutions, IE				ngineering of TCP Co	ode: Vuln	erability Anal	ysis and Proposed
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	KS	Kim et al., In Protocol, Dep	plementing partment of (a Secure La Computer S	ogin Environme cience, Univers	nt: A Case Stu ity of Alabam	ady of Us a, June 19	ing a Secure 1 995, pp. 1-9	Network Layer	
	КТ	Satyanarayan Vol. 7, No. 3	an, Integrati , August 198	ng Security 19, pp. 47-2	in a Large Dist	ributed Syster	n, Acm T	ransaction on	Computer Systems,	
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77	ΚV	Dean et al., " Symposium o	Java Security a	y: From Ho nd Privacy,	tJava to Netsca , May 6-8, 1996	pe and Beyone, Oakland, Ca	d," Proce lifornia, p	edings of the op. 190-200.	1996 IEEE	
6	KW	Fisch et al., " Applications	The Design Conference,	of an Audit December	Trail Analysis 5-9, 1994, Orla	Tool," Procee ndo, Florida,	dings of t pp. 126-1	the 10 th Annu 32.	al Computer Security	
	KX	Safford et al. Environment California, p	" USENIX	U Security Symposium	Package: An O Proceedings, U	ngoing Responsibility	nse to Into	ernet Intruder ber 4-6, 1993	s in an Academic 3, Santa Clara,	
	KY	Sugawara, To Phoenix Con Scottsdale, A	ference on C	computers a	ve LAN Diagno and Communica	stic and Obser tions, 1990 Co	vation Ex onference	pert System, Proceedings,	"Ninth Annual March 21-23, 1990,	
	KZ	Casella, Kare Administration	en A., "Secur on Conferen	rity Admini ce, LISA 19	stration in an O	pen Networki California, Se	ng Enviro	onment," The 17-22, 1995,	Ninth Systems pp. 67-73.	
	LA	Burchell, Jor	athan, "Vi-S	SPY: Unive	rsal NIM?" Vir	us Bulletin, Ja	nuary 19	95, pp. 20-22.		
	LB	National Info	rmation Sys	ion of Subjetems Secur	ects and Object ity Conference,	s in a Trusted October 10-1	Extensibl 3, 1995, I	le Client Serve Baltimore, Ma	er Architecture," 18 th aryland, pp. 83-99.	
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[Conference,	October 10-	13, 1995, B	altimore	, Maryland, pp. 455-4	63.		
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	VU	"Real Secure	, Server Sen	sor User Gu	iide," Vo	ersion 5.5, © Internet	Security	Systems, Inc.	2000, pgs. 1-56.		
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	WC	"Real Secure"	M, Console	User Guide	," Version	5.0, © 2000 by Int	ernet Sec	urity Systems	s, Inc., pgs. 1-114.		
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